



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/633,186
Filing Date	July 31, 2003
First Named Inventor	Vikram Chalana
Group Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket Number	DXUC-1-1021

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
<i>A.D.</i>	15.	2002/0133075	A1	Abdelhak	09-19-2002
<i>A.D.</i>	16.	6,695,780	B1	Nahum et al.	02-24-2004

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

Examiner
Signature

He Chen

Date
Considered

3/6/5

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PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/633,186		
		Filing Date	July 31, 2003		
		First Named Inventor	CHALANA, Vikram		
		Group Art Unit	3737		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	DXUC-1-1021

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
A. D.	1	E.F. MAGANN et al., Ultrasound estimation of Amniotic Fluid Volume Using the Largest Vertical Pocket Containing Umbilical Cord: Measure to or Through the Cord?, Ultrasound Obstet Gynecol 2002; 20: 464-467	
	2	GRAMELLINI et al., Sonographic Assessment of Amniotic Fluid Volume Between 11 and 24 Weeks of Gestation: Construction of Reference intervals Related to Gestational Age, Ultrasound Obstet Gynecol 2001; 17: 410-415.	
	3	MANN et al., Novel Technique for Assessing Amniotic Fluid Volume Use of a Three-Dimensional Bladder Scanner, The journal of Maternal-Fetal Medicine 9:308-310 (2000)	
	4	GROVER et al., Three-Dimensional Method for Determination of Amniotic Fluid Volume in Intrauterine Pockets, Obstetrics and Gynecology 1997; 90, No. 6: 1007-1010	
	5	CHENG et al., Boundary Extraction Method for Three Dimensional Ultrasonic Echo Imaging Using Fuzzy and Relaxation Techniques, TNE 1993 IEEE, Nuclear Science Symposium: Medical Imaging 10/30-11/06/93: PT 3, 1610-1614.	
A. D.	6	ROSS, Michael G., Am J. Obstet Gynecol August 1993: Vol 169, No. 2: 435-437.	

Examiner Signature	<i>A. D. Mann</i>	Date Considered	3/6/5
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

IMAGE ENHANCEMENT AND SEGMENTATION OF
STRUCTURES IN 3D ULTRASOUND IMAGES FOR
VOLUME MEASUREMENTS

Application Number: 10/633186
Confirmation Number: 3176
First Named Applicant: Vikram Chalana
Attorney Docket Number: DXUC-1-1021
Search string: (6375616 or 6346124 or 6213949 or 5664513
or 5605155 or 5588435 or 5235985).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>1-7</i>	1	6375616	2002-04-23	Soferman et al.			
	2	6346124	2002-02-12	Geiser et al.			
	3	6213949	2001-04-10	Ganguly et al.			
	4	5664513	1997-07-01	Rudin et al.			
	5	5605155	1997-02-25	Chalana et al.			
	6	5588435	1996-12-31	Weng et al.			
<i>1-7</i>	7	5235985	1993-08-17	McMorrow et al.			

Signature

Examiner Name	Date
<i>Alte Omar</i>	<i>3/6/5</i>



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Confirmation Number: 3176

First Named Applicant: Vikram Chalana

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<input checked="" type="checkbox"/>	1	6375616	2002-04-23	Soferman et al.			
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